ML

G R S 58
Previous references
204 r.

1907
(Municipal)

File No 449—07
Serial Nos 2 & 5

Later references
In 1780 of 1911

GENERAL AND REVENUE SECRETARIAT

Serial Nos 2 & 7

Part B for Oct 1907

SUBJECT

Orders of Sanitary Inspection of the Municipality.

2 1 Forwarded for information copy of the orders of Sanitary inspection of the several cooking establishments by the Trust Board in the Municipality of the Peninsular and O S S

7 2 Copy of Chairman Trust Board No 2186-7 of 5-10-07 Record & Communicated to the Chairman of the Municipality Supplies Trust Board.

GPB 8,000—7-4-07

ML 1907
File No 469 of 1907
SL No 284

GRS 11] 1907-08

GENERAL AND REVENUE SECRETARIAT

(ML)

NOTES

File No 469-07

FILE HEADING

Notes of Sanitary Inspection of the Mysore City

From

The Sanitary Commissioner

No 706 Dated 30 8 07 Received 31.8.07 2.9.07

Diary No 469 | Enclos 1 | Spare Copies — | Serial No 8

BRIEF ABSTRACT OF LETTER

Forwards for information a copy of the notes of inspection of the Mysore City by the Personal Assistt to San Comr whether that the points referred to therein will be placed the Central Sanitary Bd and their opinion communicated to Govt

NOTES AND ORDER

The Sanitary Commissioner's further report in the matter together with the opinion of the Central Sanitary Board may perhaps be awaited ~~Draft order submitted~~

Mhd 5/9 In the meantime this may be

3/9

Notes—First sheet

GPI—30 000—20 3 06

G.R S 12]
General and Revenue
Secretariat

ML File No 149 of 1907

Serial No

V P
5/9/07

Letter the question of amalgamation of the Trust Board with the Municipality now pending orders. ~~Letter to Secretary~~

AB
5/9/07

There is no necessary connection between the & the question of the amalgamation of the Trust Board with the municipality

The note of the Asst to the Sanit Comm maybe sent to the Chairman of the Trust Board for remarks, which when received maybe considered along with the opinion of the central Sanitary Board

3996
14 9 1907

1st Cr

COB
13/9

Put up draft order as above

COB
14/9

Draft submitted

25/9

27/9/07

Issued (sd)
28/9

—Contn sheet

C I B—d 100 5 9 0

1

D 1649

From Major E.H. Drake Brockman,
[illegible]
To
C.E. Palmer Esqr Secy to the Government of W. Australia the Meteorologist Mines Survey and Harbours Improvements,
CARNARVON.

Sir

With reference to para 4 of Secy and I letter No 304-04-10 dated 18th April 1907 I have the honor to forward herewith for information & Government use of a memorandum submitted to me by Mr Forrest MLA on the Sanitary position and I state that the points referred thereto will be placed before the Central Sanitary Board now constituted when all Board meets on the [illegible] submitted to Government

I have [illegible]
Sir
Your most obedient [illegible]

Maj Drake Brockman
[illegible]

[redacted]

From

[redacted]

To

[redacted]

[redacted]

[redacted]

[redacted]

[redacted]

[redacted]

2

Memorandum

Reference - Para 3 of Government Order No 9425-7-Ml 204 -06-10 dated the 12th April 1907

The points in favor of the improvement works carried ut in Mysore by the City Improvement Board will be found in the Board's official reports I shall therefore bring to notice only what appear to me to be defects which have to be remedied

1 The City Improvement Board is temporary, and is practically independent of the Municipal C/ouncil If instead of having an additional temporary body, the Municipality is reconstituted and the necessary special powers given, would not the work be done better i e without the want of co-operation and sense of irresponsibility that are observable now?

2 When the Improvement Board was constit/uted, the Health Officer of Mysore was the only person in the place that had any sanitary training He was soon sent away, and sanitary improvement works are since be ng suggested and carried out by Engineers who have had no sanitar training, with the advice of the District Medical Officer who has also not had any special training in Sanitary cience The results obtained so far, do not show that the exclusion of expert advice has been beneficial in any way ow that a Department of Public Health is being organized, it would be convenient to have the sanitary aspects of the improvements discussed fully by the Central Sanitar Board that is sanctioned in connection with the Department, so that works carried out in the future may be in full conformity with the requirements of Sanitar Science

3 The survey on which the sanitary improvements are based appears to have been carried out more from an engin-

eering

Engineering and Revenue point of view than from Sanitary The Improvement Board has yet no standards by which a house can be condemned as "unfit for human habitation" although several houses have already been, and are being, condemned and demolished The terms "insanitary" and "overcrowded" are vague, and do not convey any definite idea especially to men with no sanitary training Even in Regulation IV of 1904, a special regulation dealing with overcrowding, no attempt has been made to define the term Clear definitions of such terms and conditions that would render dwellings unfit for habitation are laid down even in places where there are well organized Municipalities with qualified Medical Officers of Health and Engineers who have undergone special sanitary training, so that the officers may have some definite data to go upon, and their opinions may be uniform even when the officers themselves change Such precautions appear to be far more necessary in Mysore where Public Health work is split up into different parts and entrusted to separate and independent establishments under officers not specially qualified, as a rule

4 The improvements so far carried out are more or less external Even in areas where improvements are said to have been completed, most of the insanitary houses have not been improved The Board has yet no "House-register" i e , a register showing the particulars of houses within their limits, their sanitary defects and account of action taken from time to time Such a register is maintained in all towns in civilised countries, and is absolutely necessary to ensure uniformity and continuity of action The nature and extent of improvements in view in Mysore do not appear to have been definitely settled A satisfactory plan of work does not also appear to have been adopted It is therefore but natural that the few houses that are said to have been "improved" appear to have been so done haphazard, under incompetent or inefficient supervision

5 The building-bye-laws framed by the Board are defective, and even where the rules are right, they are not often worked satisfactorily. Some of the new houses built or improved by the Board or under their supervision, would themselves have to be condemned as insanitary Though the improvements works were started on account of the ravages of plague, there are no special provisions in these bye-laws to prevent the spread of the disease in the future For instance, provision-stores and shops would require to be properly paved and otherwise made rat-proof, the combination of grain-shops and dwelling apartments under the same roof would have to be discouraged, special provisions would be required as regards stables, cattle-stalls, tenement houses &c But these have neither been provided for in the bye-laws nor adopted in the buildings put up by the Board or under their supervision The bye-laws have therefore to be revised and made complete in all details that are important from a public health point of view

6 (a)The drainage works carried out by the Improvement-Board do not appear to be fully correct either fundamentally or in the details For instance, septic tanks and bacteria beds are usually put up where there is "Water Carriage" system of drainage, and are expensive and more or less unnecessary adjuncts to existing "dry" systems, as they not only do not minimize or obviate the external inconvenience and expense of scavengering, but also do not work efficiently, for in the absence of night-soil, the purifying germs do not thrive in them for want of sufficient nourishment The fact was pointed out by me some time back and night-soil is now being carted into the septic tanks and public water-closets built by their side, the night soil from these latter being washed into them But, till the water-supply of the City is improved and private latrines are replaced by water closets, the septic tanks and

bacteria

bacteria beds constructed at considerable cost, cannot be expected to give the best results either sanitarily or financially That slaughter house refuse which consists of undigested grass and other vegetable matter cannot be treated in,but is positively inimical to the efficient working of, septic tanks has already been explained to the Executive Engineer by me about a year ago The slaughter-house refuse should be screened at the slaughter house itself, and only the liquid portion let into the septic tank, the solids being burnt in an incinerator or refuse destructor as in other towns and the heat generated utalized for working a steam sterilizer which is a great necessity in every town

(b) Again the combination of open private latrines of the type in existence, connected to open surface drains on either side of the streets with numerous silt traps and wire screens which obstruct and detain both liquid and solid excreta in inhabited parts, appear to be the most efficient device, one can think of to facilitate the spread of diseases like Cholera,Typhoid etc The returns for the last official year show that while Bangalore has been practically free throughout, there have been 357 attacks of Cholera in Mysore with 275 deaths and that Typhoid fever has also been prevalent Of the latter disease 33 attacks are reported with 38 deaths'The undue prevalence of bowel diseases and Diarrhoea all comfirm this statement

(c) In making out the drainage schemes, the prevention of Malaria does not appear to have been kept in view sufficiently In areas where the drainage projects are reported to have been completed, there is yet much to be done for preventing this disease which has been spreading rapidly in the State and is now causing the heaviest mortality

(d) Since the introduction of water-supply to the soil water has risen considerably in the city, and in consequence

the

the sickness and death rate in the place has also risen in proportion The drainage schemes proposed and carried out do not include any special attempts towards the lowering of the sub-soil water even in places like Halladakere which are sewage-sodden The building Bye laws do not provide for damp-proof courses even in such localities

(e) The disadvantages of surki drains especially in areas that are sewage-sodden, and where no attempt has been made towards sub-soil drainage have already become practically clear in localities where such have been constructed

(f) The defective trapping and ventilation of drains, the faulty falls, curves and angles of junction , faulty manholes flushing arrangements etc , which I have pointed out sometime back and some of which have since been mended could have been avoided if the executive staff had had special sanitary training, or had there been such expert advice immediately available on the Board

(g) The delay in the construction of house-connections in areas where the street-drains have been built by the Board, and the consequent nuisance, would not have risen if the Municipality had co-operated with the Improvement Board adequately

(7) The Improvements so far undertaken are partial and mis-proportionate to the actual wants from a public health point of view For instance, no effort has yet been made by the Board to rectify the water-supply of the city which is seriously defective and is a great source of danger and annoyance to the public and is the most pressing need (Vide my letter No 167 of 12th June 1907) Nor has any attempt been made till now to improve the slaughter house, meat stalls, dairies, tenement houses etc , which are very defective and call for early attention

(8) That the splitting up of the different branches of the public health work and entrusting them to separate

an

and independent establishments, means excessive expenditure --- has already been brought to the notice of Govt When the offices in charge of the different branches happen to be men not possessing the required special qualifications, and when they do not as a rule co-operate as much as they ought to, the result can scarcely be any better than at present exist no matter what may be the extra expenditure incurred Now that a qualified Health Officer has been appointed, his services ought to be fully utilized in the Improvement Board Of the officers of the Improvement Board Messrs D'cruz and Marker, I know, have been working to the best of their ability They are men of excellent capability and though they have not acquired any special sanitary qualifications, they possess considerable knowledge of sanitary details in connection with their work, and have since their appointment in the Board gained much experiance as well The Municipality and the Improvement Board, may, if possible, be amalgamated, with the above and other officers, if any, who are competant serving as executive officers All improvement works suggested should be fully studied and discussed by the Central Sanitary Board now sanctioned in connection with the Public Health scheme, and the general plan of the work as well as all important details should be passed by the body

(9) I have not completed my inspection of the city I may have therefore not observed everything that requires attention I shall submit further notes for consideration, if there be anything important I may have omitted

(Sd) P Palpu,
Personal Asst to Sanitary

Bangalore
21/7/1907

"Copy"

For Sanitary Commissioner

G.R S 28]

File No 469-07
Serial No 7

Diary No of letter replied to 6169

Proceedings of the Government of His Highness the Maharaja of Mysore

GENERAL AND REVENUE SECRETARIAT
( )

, *the* 25th Feby 1907

Date of issue 5 10 07

Signed by for information

READ—

Letter No 708 dated the 30th August 1907 from the Sanitary Commissioner with the Govt of H H the Maharaja of Mysore, submitting a copy of the notes of sanitary inspection of the several works executed in the Mysore City by the City Improvement Trust Board by his Personal Assistt, and stating that the points referred to therein will be placed [illegible]

SUBJECT

Central Sanitary Board
when that Board meets
and their ~~decision~~ opinion
communicated to Govt

Order thereon No 3186-7
Rule 149-07-77 dt 5 10 07
Recorded and com-
municated to the Chairman
of the Mysore City Impt
Trust Board.

CBB

Seely -
Fo 25/11/07

To, BB 27/1907
The San Comr
& Chairman, Mysore
City Impt Trust Bd
with a Copy of the
Note of San: Inspection
dt 24-4-07 &c

Dy Secy
1/10 1/10/07